

ABSTRACT

A keyless entry system include a key device 13 for carrying out locking and unlocking operations, a mobile terminal 14 including a mobile terminal transmitting/receiving unit 18 for transmitting user-ID number data a1 used for identifying a user of the key device 13, and a key security system 15 including a key device transmitting/receiving unit 20 for receiving the user-ID number data a1 from the mobile terminal 14. The key security system 15 includes an ID-number data comparison unit 23 for recognizing a fact that key-device ID number data a2 pre-stored in the key device 13 is identical to the user-ID number data a1 transmitted from the mobile terminal 14 and a key-device ECU 16 for receiving an unlock enable signal b and outputting a lock control signal f to the key device 13. According to the above-described configuration, when operating and activating the key device, such as a door lock device of a vehicle and a house, using a mobile terminal, such as a cell phone, which many people usually carry around with them, a keyless entry system and a keyless entry method that are reliable and convenient for users can be provided.